



This is a digital copy of a book that was preserved for generations on library shelves before it was carefully scanned by Google as part of a project to make the world's books discoverable online.

It has survived long enough for the copyright to expire and the book to enter the public domain. A public domain book is one that was never subject to copyright or whose legal copyright term has expired. Whether a book is in the public domain may vary country to country. Public domain books are our gateways to the past, representing a wealth of history, culture and knowledge that's often difficult to discover.

Marks, notations and other marginalia present in the original volume will appear in this file - a reminder of this book's long journey from the publisher to a library and finally to you.

Usage guidelines

Google is proud to partner with libraries to digitize public domain materials and make them widely accessible. Public domain books belong to the public and we are merely their custodians. Nevertheless, this work is expensive, so in order to keep providing this resource, we have taken steps to prevent abuse by commercial parties, including placing technical restrictions on automated querying.

We also ask that you:

- + *Make non-commercial use of the files* We designed Google Book Search for use by individuals, and we request that you use these files for personal, non-commercial purposes.
- + *Refrain from automated querying* Do not send automated queries of any sort to Google's system: If you are conducting research on machine translation, optical character recognition or other areas where access to a large amount of text is helpful, please contact us. We encourage the use of public domain materials for these purposes and may be able to help.
- + *Maintain attribution* The Google "watermark" you see on each file is essential for informing people about this project and helping them find additional materials through Google Book Search. Please do not remove it.
- + *Keep it legal* Whatever your use, remember that you are responsible for ensuring that what you are doing is legal. Do not assume that just because we believe a book is in the public domain for users in the United States, that the work is also in the public domain for users in other countries. Whether a book is still in copyright varies from country to country, and we can't offer guidance on whether any specific use of any specific book is allowed. Please do not assume that a book's appearance in Google Book Search means it can be used in any manner anywhere in the world. Copyright infringement liability can be quite severe.

About Google Book Search

Google's mission is to organize the world's information and to make it universally accessible and useful. Google Book Search helps readers discover the world's books while helping authors and publishers reach new audiences. You can search through the full text of this book on the web at <http://books.google.com/>

Educ 2172,1

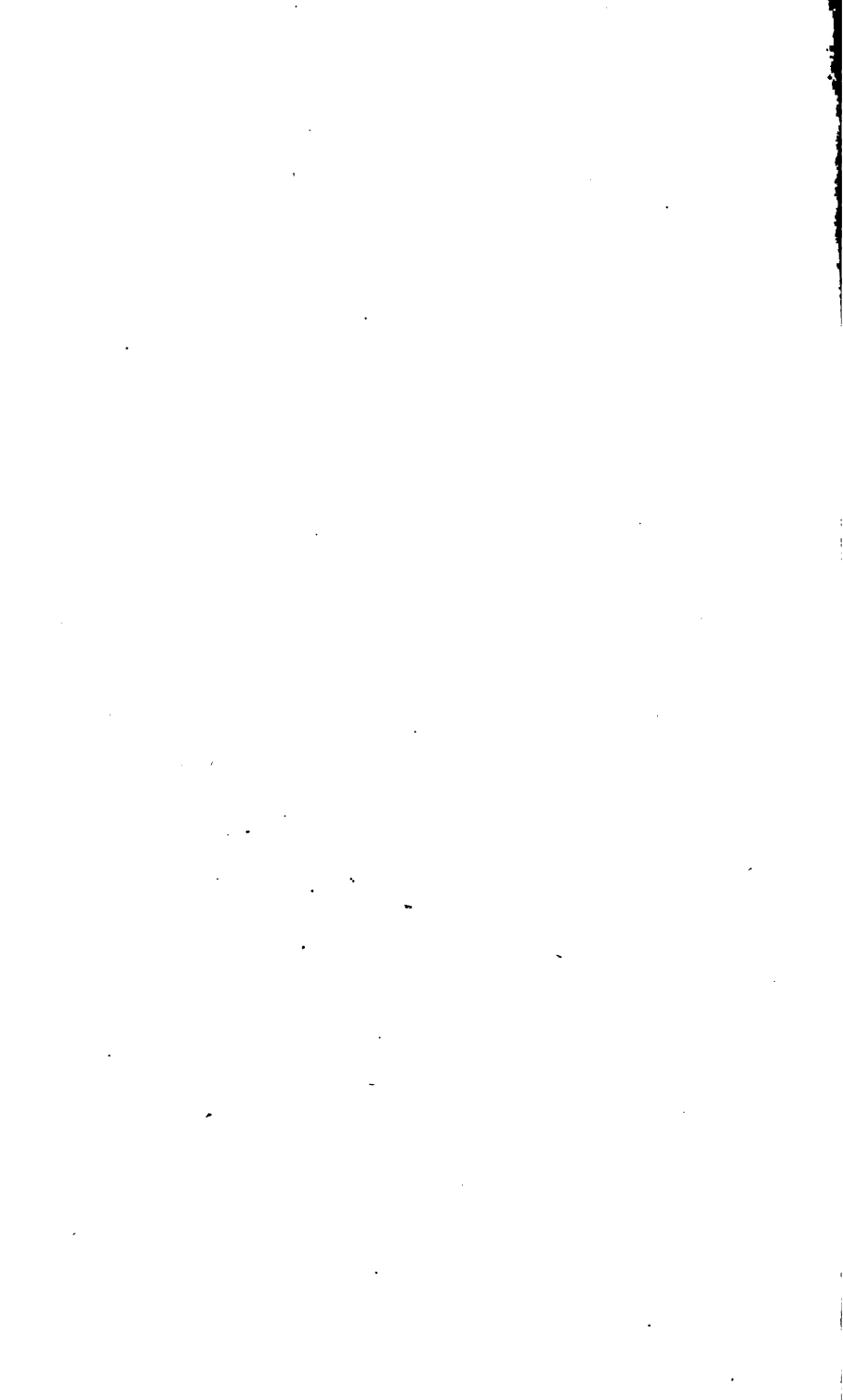
HARVARD UNIVERSITY



**LIBRARY OF THE
GRADUATE SCHOOL
OF EDUCATION**

LD 1157. W400





VI. 17094

A SELECTED BIBLIOGRAPHY

OF

MANUAL TRAINING

PREPARED BY

THE EASTERN
MANUAL TRAINING ASSOCIATION.

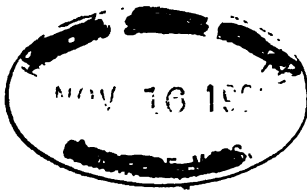
A
 SELECTED
 BIBLIOGRAPHY
 OF
 MANUAL TRAINING

PREPARED AND PUBLISHED BY

THE EASTERN
 MANUAL TRAINING ASSOCIATION.



1900.



Z5814
M29E3
1900

OFFICERS

EASTERN MANUAL TRAINING ASSOCIATION.

1899-1900.



R. CHARLES BATES, President.

F. M. LEAVITT, Vice-President.

W. J. KENYON, Secretary and Treasurer.

Executive Committee.

PRESIDENT AND SECRETARY.

GUSTAF LARSSON.

J. P. HANEY.

W. E. ROBERTS.

THIS selected bibliography follows closely in arrangement and character the bibliography published in 1898 by the American Manual Training Association. As in the earlier publication, the aim has been to prepare a helpful working list of the most important and suggestive literature upon the history, theory, and practice of manual training rather than an absolutely comprehensive bibliography.

A considerable quantity of pamphlet material is still represented in the lists, but the proportion of such matter in the addenda is extremely small as compared to that in the original compilation, indicating, it is fair to assume, a natural and healthy tendency in manual training literature toward more stable forms of publication.

The effort has been still to confine the lists closely to matter relating to *educational manual training*. Not only has all matter concerned strictly with engineering, technical and industrial education been omitted, but works dealing solely with technical processes, not aimed directly at school use and conditions, have been excluded.

The few foreign works included in the lists have been suggested by leading authorities in the countries represented, and have been selected with a view to their representative character and their suggestiveness to American readers.

C. R. RICHARDS.
GUSTAF LARSSON.
J. P. HANEY.



HISTORY AND THEORY.

- ADLER, FELIX.....Moral Instruction of Children.
New York, Appleton, 1892. Pp. 270.
- BALL, F. H.....Manual Training and Correlation.
Proceedings American Manual Training Association, 1899.
- BAMBERGER, G.....Education of Head and Hand.
Chicago, Flanagan, 1891. Pp. 116.
"Industrial Training." A Report.
New York, Bruno, 1885. Pp. 11.
- BANES, C. H.....Manual Training and Apprenticeship
Schools in 1890.
Philadelphia, Buchanan, 1890.
- BARNARD, W. T.....Report on Technical Education.
Baltimore, Friedenwald, 1887. Pp. 70.
- BATES, R. C.....Manual Training in Character Building.
Proceedings American Manual Training Association, 1898.
- BELFIELD, H. H.....Manual Training and the Public Schools.
* Educational Monographs, V. 1, No. 1. New
York, 1888.
- BENNS, C. P.Educational Value of Machine Work.
Proceedings American Manual Training Association, 1898.
- BLAKE, J. V.Manual Training in Education.
Chicago, Kerr, 1886. Pp. 83.
- BRIGGS, F. H.....Industrial Training in Reformatory Institutions.
Syracuse, Bardeen, 1898. Pp. 27.
- BROWNE, J. C.....Handcraft.
Educational Monographs, V. 3, No. 5, New
York, 1890.
- BRYANT, G. H.....The Exercise *vs.* The Complete Model
System.
Proceedings American Manual Training Association, 1897.

* Published by the New York College for the Training of Teachers.

- BUTLER, N. M.**.....Argument for Manual Training.
New York, Kellogg, 1888.
- CALDER, F. L.**.....Practical Cooking in Elementary Schools.
(See International Conference on Education,
V. 2, P. 171-184. London, Clowes, 1884.)
- CALKINS, N. A.**.....Educational Demands of To-day.
New York, Industrial Educational Association,
1887. Pp. 16.
- COBB, M. E.**.....Instructive and Productive Employments:
Their Suitability for Industrial Schools.
Proceedings Twelfth Conference of Charities
and Correction. 1885.
- DEWEY, JOHN**.....The School and Society.
Chicago, University of Chicago Press, 1899.
Pp. 125.
- GERMAIN, V. J.**.....On the Teaching of Domestic Economy
and Needlework.
(See International Conference on Education,
V. 2, P. 334-346. London, Clowes, 1884.)
- GILMAN, D. C.**.....Plea for the Training of the Hand.
Educational Monographs, V. 1, No. 1, New
York, 1888.
- GÖTZE, WOLDEMAR**...Hand and Eye Training.
London, Newmann, Pp. 229.
- HAM, C. H.**.....Manual Training. The Solution of Social
and Industrial Problems.
New York, Harper, 1886. Pp. 403.
Co-Education of Mind and Hand.
Educational Monographs, V. 3, No. 4, New
York, 1890.
- HANEY, J. P.**.....Organization and Administration of Man-
ual Training in a City School System.
Proceedings American Manual Training Asso-
ciation, 1899.
- History and Present Status of Instruction in Cooking in the
Public Schools of New York City.**
United States Department of Agriculture, Office
of Experiment Stations, Bulletin 56, 1899.
Pp. 70.
- HUGHES, J. L.**.....Educational Advantages of Manual Train-
ing.
Proceedings American Manual Training Asso-
ciation, 1897.

Industrial Education.

Eighth Annual Report of the Commissioner of Labor. Washington, 1892. Pp. 707.

JACOBSON, AUGUSTUS..Higher Ground.

Chicago, McClurg, 1888. Pp. 251.

KENYON, W. J.....The Aesthetic Element in Manual Training.

Proceedings American Manual Training Association, 1899.

KEYES, C. H.....True Tests of Educational Manual Training.

Proceedings American Manual Training Association, 1898.

KLEMM, L. R.....European Schools.

New York, Appleton, 1889. Pp. 426.

LARSSON, GUSTAF....American Sloyd.

Boston, Sloyd Training School, 1900. Pp. 27.

The Origin and History of the Sloyd in Sweden.

Proceedings American Manual Training Association, 1897.

LELAND, C. G.....Practical Education.

London, Whittaker, 1888. Pp. 280.

LORD, EMILY.....Sloyd as a means of Teaching the Essential Elements of Education.

London, Cassell, 1888.

MACALLISTER, JAMES..Manual Training in the Public Schools of Philadelphia.

Educational Monographs, V. 3, No. 2, New York, 1890.

MCARTHUR, ARTHUR.Education in its relation to Manual Industry.

New York, Appleton, 1886. Pp. 393.

MAGNUS, SIR PHILIP..Industrial Education.

London, Paul, 1888. Pp. 271.

Manual Training.

Address before National Association of Manual Training Teachers, London, Whittaker, 1894. Pp. 21.

Manual Training and Industrial Education.

Report of a Commission appointed by the Governor of Massachusetts, 1893. Pp. 320.

MARENHOLTZ-BÜLOW, BERTHA VON—School Workshop.

Syracuse. Bardeen, 1892. Pp. 27.

MAYO, A. D. Industrial Education in the South.

U. S. Bureau of Education, Circular of Information, 1888, No. 5.

MEATH, EARL OF, *Editor*—Prosperity or Pauperism.

London, Longmans, 1888. Pp. 342.

MOSS, J. F. Workshop Instruction in Elementary, Higher and Evening Schools.

(See International Conference on Education, V. 2, P. 24-33. London, Clowes, 1884.)

NATIONAL EDUCATION ASSOCIATION—Papers.

Published by the Association, 1884-1899.

ACKLEY, W. N. The True American Idea of Labor. 1889. P. 238-243.

ADDICOTT, J. E. Correlation of Manual Training with other Branches of Study. 1899. P. 923-928.

ADLER, FELIX. Technical and Art Education in Public Schools, 1884. P. 308-319.

BAKER, J. H. Report on Exhibits from Manual Training Schools. 1887. P. 686-691.

BARNARD, JOB. Manual Training—Its Purpose and Value. 1898. P. 989-995.

BENNETT, C. A. Æsthetic Principle in Manual Training. 1896. P. 786-790.

Manual Training from the Kindergarten to the High School. 1892. P. 449-455.

BOOTH, E. R. Philosophy of Manual Training. 1895. P. 720-731.

BRADLEY, J. E. Influence of Manual Training on Habits of Thought. 1892. P. 663-671.

Manual Training in Grammar Grades. 1890. P. 834-842.

BROWN, HARRIS, HOOSE and PARR. Educational Value of Manual Training. 1889. P. 417-423.

BUCHANAN, J. R. Moral Influence of Manual Training. 1883. P. 37-46.

CALKINS, N. A. Course of Manual Training in Primary Classes. 1890. P. 828-834.

CARROLL, C. F. Manual Training and the Course of Study. 1896. P. 778-786.

CARTER, C. M. Manual Training through Industrial Drawing. 1886. P. 443-357.

CLUTE, OSCAR. The Head and the Hand. 1897. P. 734-742.

CRAWFORD, T. O. Educational Power of Manual Training in our Grammar Schools. 1888. P. 570-583.

CURTIS, V. G. Woodwork in Grammar Grades. 1894. P. 261-278.

EDWARDS, W. A. Teacher in the Manual Training School. 1899. P. 905-910.

- ENGLISH, G. E. Constructive Work in the Elementary School. 1899. P. 917-922.
- FAIRCHILD, G. L. Some Limitations in Industrial Training. 1888. P. 549-555.
- FAY, L. A. Practical Methods of Instruction. 1887. P. 206-211.
- GOSS, W. F. M. Outline of Technical Work for a Manual Training School. 1885. P. 263-274.
- HAILMANN, W. N. Manual Training in the Elementary School. 1890. P. 842-850.
- HALL, M. F. Value of the Hand in the Acquisition of Knowledge and the Expression of Thought. 1898. P. 642-648.
- HAM, C. H. Educational Value of Manual Training. 1888. P. 259-262.
- HARRIS, W. T. Art Education, the True Industrial Education. 1889. P. 647-655.
- The Intellectual Value of Tool-Work. 1889. P. 92-98.
- HAVEN, C. L. Relation of the Kindergarten to Manual Training. 1892. P. 443-448.
- HOFFMAN, PAUL. Manual Training in New York City Schools. 1892. P. 471-474.
- HOYT, J. E. Manual Training in the Public Schools of the Smaller Cities. 1896. P. 768-777.
- JACOBSON, AUGUSTUS. Layman's View of Manual Training. 1884. P. 293-308.
- JAMES, H. M. Influence of Manual Training in Elementary Schools. 1890. P. 850-858.
- JOHNSON, A. Manual Training System of Los Angeles. 1899. P. 928-931.
- KEDZIE, N. S. Need of Manual Training for Girls. 1896. P. 756-760.
- KEYES, C. H. Modifications of Secondary School Courses most demanded by the Conditions of to-day. 1895. P. 731-741.
- KOVALEVSKY, E. DE. . Manual Training in Russia. 1893. P. 604-605.
- LARSSON, GUSTAV. . . . Sloyd for Elementary Schools contrasting with the Russian System of Manual Training. 1893. P. 599-603.
- LARKINS, C. D. The Effects of Manual Training. 1895. P. 748-752.
- LAZENBY, WM. R. Manual Training in Horticulture. 1898. P. 776-778.
- LEIPZIGER, H. M. Education as affected by Manual Training. 1892. P. 439-443.
- Progress of Manual Training. 1894. P. 877-880.
- MAGOUN, G. F. Manual Education from the Other Side. 1886. P. 484-497.

- McLOUTH, LEWIS....Some Definitions. 1891. P. 745-749.
- MILLER, J. C.....Drawing—Its Relation to Manual Training and the Industrial Arts. 1894. P. 872-876.
- NORTHROP, B. G.....Industrial Education in the South. 1889. P. 628-633.
- ORDWAY, J. M.....Handwork in the School, 1884. P. 319-336.
- PAESSLER, V. S.....Educational Value of Metal-Working. 1899. P. 911-916.
- PARKER, W. D.....Some Possible Relations of Normal Schools to Manual Training. 1897. P. 749-752.
- PEABODY, S. H.....The Value of Tool Instruction as Related to the Active Pursuits in which Pupils may subsequently engage. 1889. P. 98-103.
- Pedagogical Value of the School Workshop. 1886. P. 305-317.
- Place Manual Training should occupy in a System of Public Schools. 1887. P. 196-205.
- PINNEY, M. A.....Plea for the Systematic Extension of Industrial Training from the Kindergarten to Grammar Schools. 1895. P. 753-759.
- POWELL, W. B.....Manual Training between the Employments of the Kindergarten and those of the Grammar Schools. 1892. P. 672-681.
- Industrial and Manual Training in the School Course. 1893. P. 606-613.
- PRATT, R. H.....Industrial Training as Applied to Indian Schools. 1895. P. 759-764.
- Report upon Classification, Nomenclature and Practical Details of Manual Training. 1890. P. 761-785.
- Report on Exhibits from Manual Schools at the Chicago Educational Exhibition. 1887. P. 678-692.
- RICHARDS, E. H.....Domestic Science as a Synthetic Study for Girls. 1898. P. 766-773.
- RICHARDS, ZALMON..Relation of Industrial to Intellectual and Moral Training in our Public Schools. 1888. P. 563-569.
- ROBBINS, G. A., Chairman. Report of Committee on Hindrances and Helps to Manual Training and Industrial Education. 1898. P. 779-786.
- ROBINSON, A. R.....Industrial Education a Necessity of the Times. 1895. P. 741-746.
- RUNKLE, J. D.....Introductory Address. Congress of Industrial and Manual Instruction. 1893. P. 592-594.
- SISSON, E. O.....Mental Results from Manual Training. 1897. P. 742-747.
- SNYDER, J. L.....Education for the Industrial Classes. 1898. P. 758-763.
- TADD, J. L.....Manual Training Methods in Philadelphia Public Schools. 1894. P. 886-891.

- THOMPSON, S. R.....Report of Progress of Industrial Education. 1885.
P. 248-257. 1888. P. 556-562.
- TRYBOM, J. H.....Sloyd as an Educational Subject. 1892. P. 451-461.
- WALKER, F. A.....Manual Training in Urban Communities. 1887.
P. 196-205.
- WALTERS, J. D.....Ways, Means and Maxims in Manual Training.
1889. P. 621-628.
- WATERMAN, RICHARD. Function of Manual Training in the Elementary
School. 1898. P. 649-655.
- WHITE, F. J.....Physical Effects of Sloyd. 1896. P. 760-766.
- WISE, H. A.....Manual Training in the Primary and Grammar Schools.
1889. P. 104-110.
- WOLVERTON, N.....Manual Training and its Place in the Educational
System of Ontario. 1891. P. 752-757.
- WOODWARD, C. M...Discussion of the French System of Industrial and
Manual Instruction. 1893. P. 597-599.
Function of an American Manual Training School.
1882. P. 140-157.
The Function of the Public School. 1887. P. 212-224.
Manual Training. 1883. P. 84-99.
Manual Training. The Results of the St. Louis
School. 1889. P. 73-91.
New Demands upon Schools by the World's Indus-
tries. 1893. P. 594-597.
Organizations and Plans for Manual Training Schools.
1894. P. 876-877.
Relation of Manual Training Schools to Technical
Schools. 1893. P. 583-589.
The Teacher of Tool Work. 1891. P. 749-752.
- Proceedings of the Departments of Superintendence N.E.A.
published by the Commissioner of Education as Circu-
lars of Information.
- ALLEN, JEROME.....To what extent and how can Manual Training be in-
troduced into Ungraded Schools. Circ. No. 2,
1889. P. 133-152.
- BROWN, G. P.....The Educational Value of Manual Training. Circ.
No. 2, 1889. P. 153-159.
- COMPTON, H. W.....How and to what extent may Manual Training be
introduced into City Schools. Circ. No. 2, 1889.
P. 173-179.
What a Small City is doing in Industrial Education.
Circ. No. 3, 1887. P. 129-134.
- FORD, J. D.....How shall Manual Training be introduced into the
Graded Schools. Circ. No. 2, 1889. P. 168-173.
- HAM, C. H.....How and to what extent can Manual Training be In-
grafted on our System of Public Schools?
Discussion by A. P. Marble, N. M. Butler, H. H.
Belfield, M. A. Newell. Circ. No. 6, 1888. P. 19-
41.

- HARRIS, W. T. The Psychology of Manual Training. Circ. No. 2, 1889. P. 117-132.
- MARBLE, A. P. Public Instruction in Industrial Pursuits. Circ. No. 4, 1884. P. 126-131.
- ORDWAY, J. M. Industrial Education. Circ. No. 4, 1884. P. 117-126.
- PARKER, F. W., and POWELL, W. B. Industrial Education in our Public Schools. Circ. No. 3, 1887. P. 113-114 and 124-129.
- SEAYER, E. P. Mechanic Arts High School. Circ. No. 2, 1889. P. 160-167.
- WOODWARD, C. M. . . . Relation of Manual Training to Body and Mind. Circ. No. 2, 1889. P. 91-107.

NEW ENGLAND CONFERENCE OF EDUCATIONAL WORKERS.

J. O. Norris, Sec'y, Melrose, Mass.
Conference on Manual Training.

1891. Pp. 182.

CONTENTS.

- RICHARDS, R. H. Manual Training as an Inspiration to Mental Development.
- WOODWARD, J. E. Sloyd.
- ENEBUSKE, C. J. The Relation of Sloyd to Gymnastics.
- ADLER, FELIX. The Educational Value of Manual Training in the Public Schools.
- BOYDEN, A. G. What is Manual Training?
- JAMES, E. J. The Kindergarten and the Public School.
- BAILEY, H. T. Color.
- LARNED, C. W. The Language of Form.
- RICHARDS, C. R. Means and Methods of Manual Training.
- KILBON, G. B. Manual Training in Springfield.
- JONES, D. W. Manual Training as an Auxiliary in the Formation of Intellectual Habits.
- PATTEN, S. N. The value of Education Relatively to the Consumption of Wealth.
- RUNKLE, J. D. The Origin of Mechanic Art Teaching: Its Introduction into this Country.
- And a number of addresses.

Report on the Preparation of Teachers of Manual Training.
1899. P.

PALMER, COURTLANDT. New Education: Manual Training an Indispensable Department.

New York, Gramercy Park School, 1885. Pp. 24.

PIERCE, F. H. Whittling for the Elementary Grades.

Proceedings American Manual Training Association, 1898.

Report of the Commission on Industrial Education made to the Legislature of Pennsylvania.

Harrisburg, 1891. Pp. 592.

Reports and Minutes of Evidence of the Commission on Manual and Practical Instruction in Primary Schools under the Board of National Education in Ireland.

London, Eyre & Spottiswoode, 1897. 7 vols.

Report of the Special Committee of the London School Board on the Subjects and Modes of Instruction in the Board's Schools.

London, Hazell, 1888. Pp. 171.

RICHARDS, C. R. and O'NEIL, H. P.—Manual Training in the Public Schools.

Educational Monographs, V. 3, No. 1.
New York, 1890.

RICHARDS, E. H. Manual Training for Girls.

Proceedings American Manual Training Association, 1897.

RUNKLE, J. D. Report on Industrial Education.

Boston, Brown, 1884. Pp. 34.

Manual Element in Education.

Report of the Massachusetts Board of Education, 1882. P. 131-200.

SACKETT, H. S. The Value of Sewing in Manual Training High Schools.

Proceedings American Manual Training Association, 1897.

SALICIS, G. A. Manual Training in France.

Educational Monographs, V. 3. No. 3. New York, 1890.

Enseignement du Travail Manuel.

(In Musée Pédagogique. Mémoires et documents scolaires. Fascicule No. 33. Paris. Imprimerie Nationale. 1889.)

SALOMON, OTTO. Theory of Educational Sloyd.

Boston, Silver, 1896. Pp. 150.

Sloyd in the Service of the School.

Educational Monographs, V. 1, No. 6. New York, 1888.

SCHMITT, E. La Pédagogie du Travail Manuel.

Paris, Picard. Pp. 160.

SCHOENHOF, JACOB. . . Industrial Education in France.

Pt. I. Technical Education in Europe.

Washington, Government Printing Office, 1888.
Pp. 136.

SCRIPTURE, E. W. Manual Training in Brain Development.

Proceedings American Manual Training Association, 1899.

SEIDEL, ROBERT Industrial Instruction, a Pedagogic and Social Necessity.

Boston, Heath, 1887. Pp. 160.

SLUYS, A. Manual Training in Elementary Schools for Boys.

Educational Monographs, V. 2, Nos. 1-2.
New York, 1889.

Special Reports on Educational Subjects.

London, Eyre & Spottiswoode. 3 vols. 1896-98.

Vol. 1. Domestic Economy Teaching in England. Mrs. Pillow.

Technical Education for Girls. A. J. Cooper.

The Housewifery Schools and Classes of Belgium. Block and Brackenbury.

Vol. 3. The Present Position of Manual Instruction in Germany. Otto W. Beyer.

STRAIGHT, H. H. Aspects of Industrial Education.

Syracuse, Bardeen, 1882. Pp. 12.

TALBOT, H. Manual Training, Art and the Negro, an Experiment.

Montgomery, 1894. Pp. 34.

TEEGAN, T. H. Technical, Industrial and Commercial Education in France.

London, Simpkin, 1891. Pp. 223.

THORNTON, J. S. Manual Training in Germany.

London, Laurie, 1891. Pp. 8.

TRYBOM, J. H. Three Years' Course in Paper and Card-board Work.

Proceedings American Manual Training Association, 1898.

TYLER, J. M. The Meaning of Manual Training in Education.

Proceedings American Manual Training Association, 1899.

UNITED STATES BUREAU OF EDUCATION.

ART AND INDUSTRY; EDUCATION IN THE INDUSTRIAL AND FINE ARTS IN THE UNITED STATES. Clarke, I. E. 4 Vol. Washington, 1885-1898.

CONTENTS.

V. 1. Drawing in the Public Schools.

V. 2. Industrial and Manual Training in the Public Schools.

V. 3. Industrial and Technical Training in Voluntary Associations and Endowed Institutions.

V. 4. Industrial and Technical Training in Schools of Technology and in U. S. Land Grant Colleges.

INDUSTRIAL EDUCATION IN THE UNITED STATES. Washington, 1883. Pp. 319.

REPORTS OF COMMISSIONER. Washington, 1887-1896.

- Aesthetic Element in Manual Training. 1895-1896. P. 1323-1325.
 Exhibit of Results of Manual Training. 1892-1893. P. 569-575.
 Fellenberg or Manual Labor Movement. 1891-1892. P. 506-510.
 Limitations to Artistic Manual Training. 1895-1896. P. 1325-1326.
 Manual Training (Germany). 1889-1890. P. 1209-1212.
 Manual and Industrial Training. 1887-1888, P. 825-910; 1888-1889, P. 411-428; 1889-1890, P. 1148; 1897-1898, P. 2419-2441.
 Relation of Manual Training to Art Education. 1895-1896. P. 1321-1322.
 Relation of Manual Training to certain Mental Defects. 1896-1897. P. 699-703.
 Rise and Progress of Manual Training. 1893-1894. P. 877-950.
 Statistics of Manual Training Schools. 1888-1899, P. 1362-1367; 1889-1890, P. 1351-1357; 1891-1892, P. 1197; 1893-1894, P. 2093-2169; 1894-1895, P. 2170; 1896-1897, P. 2279-2294.
 Technical and Artizan Education in Russia. 1890-1891. P. 242-253.
 Technical Instruction in Great Britain. 1891-1892. P. 105-138.
 Technical and Industrial Schools (Belgium). 1892-1893. P. 186-188.
 Technical and Sloyd Training. 1895-1896. P. 989.
 Training in Sloyd. 1891-1892. P. 427-429.
 Typical Institutions offering Manual or Industrial Training. 1895-1896. P. 1001-1152.

WALKER, F. A. Discussions in Education.

N. Y., Holt, 1899. Pp. 342.

WOODWARD, C. M. . . . Educational Value of Manual Training.

Boston, Heath, 1890. Pp. 100.

Intellectual Value of Manual Training.

New York, Simpson, 1899. Pp. 19.

Manual Training School.

Boston, Heath, 1887. Pp. 366.

Manual Training in Education.

New York, Scribner, 1891. Pp. 300.

Manual Training Schools.

(See International Conference on Education. V. 2, P. 52-68. London, Clowes, 1884.)

Meaning and Value of Manual Training.

St. Louis, 1897. Pp. 25.

Rise and Progress of Manual Training.

Report of Commissioner of Education, 1893-1894. P. 877-950.

WOOLMAN, M. S. Domestic Art in the Elementary School.

Proceedings American Manual Training Association, 1899.

METHODS AND MANUALS.

- ADAMS, HENRY. Joints in Woodwork.
London, Corvell, 1894. Pp. 43.
- ALFORD, M. M. Needlework as an Art.
London, Low, 1886.
- ANDREN, Miss. Sloyd Models.
London, Newmann, 1896. 48 sheets.
- Annual Report Committee on Manual Training.
Boston, School Document No. 18, 1897.
- BAKER, HARRIET. High School Needlework and Cutting Out Manual.
London, Griffith, 1886.
- BARTER, S. Manual Instruction; Woodwork.
London, Whittaker, 1892. Pp. 343.
- BANNER, BERTHA. Household Sewing with Home Dress-making.
New York, Longmans, 1898. Pp. 157.
- BARRACLOUGH and PARKINSON—Elementary Clay Modelling for Standards I., II., III. London, Newmann.
- BARTSCH, F. R. Constructive Work; A Sequence of Lessons in Paper and Cardboard.
Chicago, Normal School Pub. House, 1899. Pp. 110.
- BEARDSLEY, R. F. Course of Study—Manual Training Department of Elementary Public Schools, Chicago, 1899–1900.
Chicago, 1899. Pp. 296.
- BETON, I. M. Book of Needlework.
London, Ward, 1881. Pp. 584.
- BERTRAND, TOUSSAINT ET GOMBERT—Le Travail Manuel.
Paris, Lacène, 1890. Pp. 200.
- Berlin Course of Easy Woodwork.
London, Newmann, 1895. P. 47, and 11 plates.
- BEVIS, A. W. Practical Lessons in Hand and Eye Training.
London, Newmann, 1895, 3 V. Pp. 66, each.

- BRIELZKE and ROOPER.** Plain Needlework and Knitting.
London, Sonnenschein, 1885. Pp. 168.
- BROUGHTON, Mrs. J.** Practical Dressmaking for Students and Technical Classes.
London, Macmillan, 1897. Pp. 190.
- BRUHNS, ALOIS.** Die Schulwerkstätte in Ihrer Verbindung mit dem Theoretischen Unterrichte.
Vienna, Holder, 1895. Pp. 69 and 32 plates.
- CAMPBELL, HELEN.** . . . Household Economics.
New York, Putnam, 1897. Pp. 286.
- CARLISLE, E. M. F.** . . . Simple Cutting Out for House and School Use.
London, Hatchard, 1886-87. 2 parts.
A Practical Method of Dress Cutting.
London, Sonnenschein, 1899. Pp. 100.
- CARTER and ROOSEVELT**—Manual Training for Eight Years.
Denver, State Superintendent of Public Instruction, 1898. Pp. 85.
- CAULFIELD and SAWARD**—Dictionary of Needlework.
London, Gill, 1885. Pp. 528.
- CHURCH, E. R.** The Home Needle.
New York, Appleton, 1882. Pp. 128.
- COCHERIS, P. W.** Pédagogie des Travaux à L'Aiguille.
Paris, Delagrave, 1882. Pp. 283.
- COQUELIN, M.** Necessaire de Travail Manuel.
Paris, Larousse. Pp. 46.
- COMPTON, A. G.** First Lessons in Woodworking.
New York, Ivison, 1888. Pp. 188.
- CUTLER, C. F.** Primary Manual Training.
Boston, Educational Publishing Co., 1891.
- DAUZAT et DERAMOND**—Les Travaux Manuels à l'Ecole Primaire.
Paris, Picard. Pp. 144.
- DAUJAT et DUMONT**—Cours Normal des Travaux Manuels.
Paris, Larousse. Pp. 320.
- DEGERDON, W. E.** The Grammar of Woodwork.
London, Macmillan, 1892. Pp. 44.
- DUMONT et PHILLIPON**—Guide Pratique des Travaux Manuels.
Paris, Larousse. Pp. 219.
- EVANS, T. J.** Notes on Carpentry and Joinery.
Chapman & Hall.

- EWING, E. P. A Text-book of Cookery.
Meadville, Pa., Flood & Vincent, 1897. Pp. 130.
- FAIVRE, EMILE. Enseignement du Travail Manuel.
Paris, Hachette, 1887. Pp. 115.
- FOSTER, K. MC. Elementary Needlework.
Boston, Prang, 1896. Pp. 138.
- GLAISTER, ELIZABETH. Needlework.
New York, Macmillan, 1880. Pp. 124.
- GOLDEN, M. J. A Laboratory Course in Wood Turning.
New York, Harper, 1897. Pp. 69.
- Goss, W. F. M. Bench Work in Wood.
Boston, Ginn, 1888. Pp. 161.
- GÖTEBORGS Folkskolors Modellserie för Träslöjd.
Gothenburg, 1891.
- GÖTEBORGS Folkskolors Modellserie för Metallsöjd.
Gothenburg.
- GÖTZE, WOLDEMAR. . . Educational Handwork adapted for
Teachers and Pupils in Rural Districts.
London, Newmann & Co. Pp. 40.
- Manual Training made serviceable to the
School.
London, Newmann. Pp. 157.
- Leipzig Series of Sloyd Diagrams.
London, Newmann, 1892. 65 plates.
- Handfertigskeitsvorlagen der Leipziger
Schulerwerkstatt.
Leipzig.
- Schulhandfertigkeit.
Leipzig, Hinrichs, 1894. Pp. 82.
- HAILMANN, W. N. . . . Primary Methods.
New York, American Book Co., 1887. P. 166.
- HALE, L. P., *Editor*. . . Art Needlework.
Boston, Tilton, 1879. 5 parts.
- Handbook for Sewing Teachers.
New York, Whittaker, 1893. Pp. 128.
- HAPGOOD, O. C. School Needlework.
Boston, Ginn, 1893. Pp. 244.
- HAYCOCK, G. S. Clay Modelling for Schools.
London, Newmann.
- HEATH, F. Patternmaking by Paper Folding.
New York, Longmans, 1895.

- HEATON, WILLIAM....Manual of Cardboard Modelling.**
London, Newmann, 1894. Pp. 164.
- HEWITT, WILLIAM....A Graduated Course of Simple Manual Training Exercises for Educating the Hand and Eye.**
London, Longmans, 1893. Pp. 229.
- HILDRETH, E. S.....Clay Modeling in the Schoolroom.**
Springfield, Bradley, 1892. Pp. 75.
- HINCKLEY, F. A.....Woodwork in the Common School.**
Springfield, Bradley, 1895. Pp. 126.
- HOFFMAN, B. B.....The Sloyd System of Woodworking.**
New York, American Book Co., 1892. Pp. 242.
- HOLLAND, A. M.Clay Modeling for Schools.**
Boston, Ginn, 1899. Pp. 21 and 18 plates.
- HOLME, CHARLES....A Course of Instruction in Wood Carving according to the Japanese Method.**
London, The Studio. Pp. 70.
- HOODLESS, MRS. J....Public School Domestic Science.**
Toronto, Copp, 1898. Pp. 196.
- HOUSEHOLD ECONOMY.Manual for Schools.**
Iverson, 1882. Pp. 145.
- HUDSON and COOKE..Woodwork.**
London, Newmann, 1896. Pp. 62 and 84 cards.
- Cardboard Modeling.**
London, Newmann, 1896. Pp. 29 and 27 cards.
- JAY and KIDSON.....Exercises for Technical Instruction in Woodworking.**
London, Longmans, 1892.
- JOHANSSON, ALFRED ..Practical Directions for Making the High School Series of Sloyd Models.**
London, Philip. Pp. 58.
- JOHNSON, C. F.....Progressive Lessons in Needlework.**
Boston, Heath, 1893. Pp. 132.
- JONES, EMILY.....A Manual of Plain Needlework and Cutting Out.**
London, Longmans, 1890. Pp. 121.
- How to Teach Plain Needlework.**
London, Hughes, 1882.
- Self-teaching Needlework Manuals.**
London, Longmans, 1889. Pp. 75.

- JULLY, M. A.** **Le Travail Manuel à l'Atelier Scolaire.**
 Paris, Belin, 1894. Pp. 284.
Lecons Technique à l'Atelier Scolaire.
 Paris, Belin, 1894. Pp. 194.
- JULLY et ROCHERON.** **Le Travail Manuel à l'Ecole Primaire.**
(Classes sans ateliers.)
 Paris, Belin, 1894. Pp. 262.
- KALB, GUSTAV.** **First Lessons in Hand and Eye Training.**
 London, Newmann, 1893. Pp. 143.
- KELLOGG, A. M.** **Forty Lessons in Clay Modeling.**
 London, Philip.
- KILBON, G. B.** **Knife Work in the School Room.**
 Springfield, Bradley, 1891. Pp. 193.
Elementary Woodwork.
 Boston, Lee, 1893. Pp. 99.
- KIRKWOOD, L. J.** **Sewing Illustrated.**
 New York, Ivison, 1887. Pp. 71.
- LARSSON, GUSTAF.** **Teachers' Sloyd Manual.**
 Boston, Mudge, 1890. Pp. 50.
Handwork of Geometric Wood Carving.
 New York, Kellogg, 1895. Pp. 32.
Working Drawings in Sloyd.
 New York, Kellogg.
- LAUBIER et BOUGUERET**—**Le Travail Manuel à l'Ecole de la**
Rue Tournafort.
 Paris, Hachette, 1888. Pp. 39 and 19 plates.
- LEBLANC, RENÉ.** **L'Enseignement Manuel.**
 Paris, Larousse. Pp. 224.
- LELAND, C. G.** **Elementary Metal Work.**
 London, Whittaker, 1894. Pp. 111.
- LINCOLN, M. A.** **Boston School Kitchen Text-Book.**
 Boston, Roberts, 1887. Pp. 232.
- LITTLEWOOD, W. and K.** **Cane and Rush Weaving on Sloyd Prin-**
ciples.
 London, Philip, 1897. Pp. 29.
- LOVE, S. G.** **Industrial Education, a Guide to Manual**
Training.
 New York, Kellogg, 1887. Pp. 306.
- LUCAS, E. A.** **The Elements of Woodwork.**
 London, Newmann. 16 cards.

- LYONNET, HENRI.** **Travail Manuel.**
Paris, Baudry, 1889. Pp. 100.
- MARTIN, P. M.** **Cours de Travail Manuel.**
Paris, Colin, 1894. 2 vol. p. 206 and 286.
- MILLS, L. and V.** **Bent Iron Work.**
London, Newmann. 21 plates.
- Modeller från Nääs Slöjdlärare Seminarum.**
Gothenburg, Baltzer, 1897. 30 plates.
- MURRAY, W. W.** **A Course in Manual Training for Grammar Schools.**
Rochester, Atheneum and Mechanics Institute, 1897. Pp. 72.
- NELSON, WILLIAM.** . . . **Woodwork Course for Boys.**
London, Philip, 1893. Pp. 60.
Working Diagrams High School Series of Slöjd Models.
London, Philip. 44 plates.
- NELSON and SUTCLIFFE**—**Cardboard Modelling, Course III.**
London, Philip. 32 plates.
- NELSON AND WILSON.** **The Practical Course of Clay Modelling.**
London, Philip.
- PEARCE, DORA.** **Clay Modelling for Little Ones.**
London, Philip, 1894. Pp. 29.
- PEARSON, J. C.** **Manual Instruction. Woodwork.**
London, Philip, 1893. Pp. 11. 42 plates.
Woodwork for Standards V., VI., VII.
London, Newmann.
Metal Work.
London, Newmann.
- PATTERSON, JESSIE.** . . . **Suggestions for Sewing Schools.**
New York, Association of Sewing Schools, 1893.
- POULOT, DENIS** **Method de Enseignement Manuel.**
Paris, Monrocq, 1889. Pp. 425.
- REYNOLDS, MRS. E.** . . **Notes of Lessons in Cookery.**
London, Newman.
- RICKS, GEORGE** **Hand and Eye Training.**
London, Cassell, 1889. 2 vol. P. 67 and 64.
Manual Training. Woodwork.
London, Macmillan, 1898. Pp. 188.

- RODHE, EVA**..... The Eva Rodhe Model Series in Woodwork.
English and Swedish. Gothenburg, Baltzer,
1893. Pp. 6. 35 plates.
- ROSEVEAR, ELIZABETH**. Manual of Needlework, Knitting and
Cutting Out.
Syracuse, Bardeen, 1893. Pp. 148.
Text-book of Needlework, Knitting and
Cutting out.
London, Macmillan, 1893. Pp. 460.
- ROWE, ELEANOR**.....Hints on Chip-carving.
London, Sutton, 1892.
- ST. JOHN, GEORGE**....Manual Instruction.
London, Blackwood, 1891.
- ST. JOHN and TURRELL**. The County Council Course of Manual
Instruction.
London, Simpkins. 20 plates.
- SALOMON, OTTO**.....Teacher's Hand Book of Sloyd.
London, Philip, 1894. Pp. 270.
- SCHALLENFELD, ROSALIE and AGNES**. Der Handarbeitsunterricht
in Schulen.
Frankfort, Diefteyweg, 1890. Pp. 80.
- SLATER, J. W**.....Clay Modelling for the Standards.
London, Newmann.
- SMITH, A. K**.....Needlework for Student Teachers.
City of London Book Depot.
- SCHWARTZ, EVERETT**..Sloyd or Educational Manual Training.
Boston, Educational Publishing Co. Pp. 275.
- SICKELS, IVIN**.....Exercises in Woodworking.
New York, Appleton, 1890. Pp. 158.
- SILOW and SALOMON**..Ställningar vid Svensk Pedagogisk Swick-
erslöjd. (Sloyd Positions.)
Stockholm, Beijers, 1894.
- SIMMONDS, T. C**.....Woodwork.
London, Bemrose. Pp. 70.
- SNELL, ANNA**.....Geometrical Instruction through Hand
and Eye.
London, Newmann.
- STANLEY, MISS K**.....Needlework and Cutting Out.
London, Stanford, 1884.
- STURM, PAUL**.....The Art of Modelling in Clay.
London, Newmann, 1894. Pp. 39.

- SUTCLIFFE, J. D.**....Handcraft; English Exposition of Sloyd.
London, Griffith, 1890. Pp. 77.
- TADD, J. L.**.....New Methods in Education.
Springfield, Judd, 1899. Pp. 432.
- TRAINOR, RICHARD**...Educational Woodwork.
Manchester, Eng. Course I, 60 cards.
Course II, 40 plates.
- TRYBOM, J. H.**.....Cardboard Construction.
Trybom, 1899. Pp. 69.
- UNWIN, M. L. H.**....A Manual of Clay Modelling.
London, Longmans, 1895. Pp. 88.
- UNWIN, W. C.**.....Exercises in Woodworking for Handicraft
Classes in Elementary and Technical
Schools.
London, Longmans, 1887. 30 plates.
- UPHAM, A. A.**.....Fifty Lessons in Woodworking.
New York, Kellogg, 1892. Pp. 99.
- WAKE, RICHARD**...."The New Education." Manual Train-
ing Woodwork.
London, Chapman, 1899. Pp. 360.
- WAKEMAN & HELLER**.Scientific Sewing and Garment Cutting.
New York, Silver, 1898. Pp. 155.
- WEAVER, E. A.**.....Paper and Scissors in the Schoolroom.
Springfield, Bradley, 1893. Pp. 77.
- WHITAKER, CHANNING**.How to Use Woodworking Tools.
Boston, Ginn, 1884. Pp. 102.
- WHITE, SALLIE J.**....Cookery in the Public Schools.
Boston, Lothrop, 1890. Pp. 173.
- WILLIAMS, M. E.**.....Elements of Theory and Practice of Cook-
ing.
New York, Macmillan, 1900.
- WILSON, L. L. W.**....Domestic Science in Elementary Schools.
New York, Macmillan, 1900. Pp. 407.
- WOOD, GEORGE**.....Manual Instruction in Woodwork.
Leeds, Arnold, 1892. Pp. 104.
- WOOLMAN, M. S.**.....Sewing Course.
New York, University Book Store, 1900.
- YOUNG, C. S.**.....Manual Training for the Standards.
Leeds, Bean. Pp. 30.

ARTICLES IN PERIODICALS.

Articles contained in the manual training periodicals noted on page 35, are not included in this list.

- ABBOTT, E. T.** **Sewing in Primary Grades.**
Primary Education, 7:22.
- ADLER, FELIX.** **Influence of Manual Training on Character.**
Ethical Review.
New Experiment in Education.
Princeton Review, 11:143.
- ALLEN, E. A. H.** **Manual Training in School: the New Education.**
Unitarian Review, 35:454.
- ARNGRIMSSON, F. B.** . . . **Sloyd: Its Aim, Method, and Result.**
Popular Science Monthly, 36:784.
- AUSTEN, P. T.** **Manual and Sense Training the Great Problem in Education.**
Scientific American Supplement, 40:16392.
- Authoritative Definition of Manual Training.**
Science, 13:9.
- BALLIET, T. M.** **Manual Training: Its Educational Value.**
American Physical Education Review, 1:60.
- BARROWS, J. H.** **The Toledo Manual Training School.**
Review of Reviews, 20:579.
- BASS, W. H.** **A Course in Woodwork for High Schools.**
Art Education, 5:24.
- BATES, R. C.** **Character Building at Elmira.**
American Journal of Sociology, 3:577.
- BECKWITH, M. H.** **Paper Cutting for Primary Schools.**
Kindergarten Review, 10:15.
- BELFIELD, H. H.** **Manual Training and Public Education.**
Science, 9:372.

- BENNETT, C. A.**.....Home Workshop.
 Outlook, 53:286.
 How Shall a Boy be Introduced to Tools?
 Outlook, 53:155.
 Manual Training from Kindergarten to
 High School.
 Journal of Education, 36:167.
 Russian System of Manual Training.
 Art Education, 2:75, 148.
 The Workshop.
 Art Education, 4:10, 83.
- BETTS, L. W.**.....A Manual Training Exhibit.
 Outlook, 64:171.
- BRADLEY, J. E.**.....The Training of the Will.
 Education, 20:65.
- BRYAN, W. J.**.....Development of Voluntary Motor Ability.
 Journal of Psychology, 5:125.
- BURDETTE, R. J.**.....Manual Training.
 Southern Educational Journal, 13:46.
- BURK, FREDERIC.**.....From Fundamental to Accessory in the
 Development of the Nervous System and
 of Movements.
 Pedagogical Seminary, 6:5.
- BUTLER, N. M.**.....Manual Training Movement.
 Methodist Review, 1889. P. 212.
- CAPIN, S. B.**.....Manual Training for the Schools of Boston
 Education, 12: 117.
- CARROLL, C. F.**.....Just What should Manual Training Do
 for Children in the Elementary Schools?
 Teacher's College Bulletin, No. 6 : 2.
 Manual Training and the Course of Study.
 Art Education, 3 : 13.
- CARTER, C. M.**.....Industrial Idea in Education.
 Century Magazine, 14 : 679.
- CHAMBERLAIN, A. H.**..The Manual Training Teacher.
 Art Education, 4 : 190.
- CHAPIN, T. F.**.....Educational Value of Manual Training.
 Charities Review, 6: 335.
- CHAPMAN, EVELYN**...Slöjd or Hand-Training in Sweden.
 Science, 9 : 269.

- CHAPMAN, EVELYN.** . . . Sloyd or Handwork as a Factor in Education.
Journal of Education (Eng.), 9 : 71.
- CODD, M. J.** Constructive Work in Schools.
School Journal, 58 : 221; 59 : 142; 498.
Constructive Work for Construction.
Primary School, 9 : 150.
Cardboard Work.
Primary School, 9 : 228.
Board Work.
Primary School, 9 : 211.
Work in Cardboard and Light Woods.
Primary School, 9 : 276.
- Committee on Drawing and Manual Training.** . Manual Training in Worcester, Mass.
Art Education, 3 : 138.
- CONDON, K. A.** Clay Modeling.
School Journal, 57 : 41.
- COOPER, A. J.** The Technical Education of Girls.
Educational Times, 51 : 27.
- CRANE, W. I.** A Plea for Manual Training.
Ohio Educational Monthly, 48 : 289.
- CRAWFORD, R. D.** Benefits of Manual Training.
Journal of Education, 46 : 6.
- CREMINS, J. C.** Constructive Work in Paper for Primary Grades.
N. Y. Teachers' Magazine, 5 : 195; 271; 372.
- CUSHMAN, L. S.** Principles of Education as Applied to Art.
The Elementary School Record, University of Chicago, 1 : 3.
- DAVENPORT, H. R.** . . . Technical Education in Board Schools.
Contemporary Review, 53 : 672.
- DAVIDSON, THOMAS.** . . Manual Training in the Public Schools.
Forum, 3 : 111.
- DEWEY, JOHN.** Psychology of Occupations.
The Elementary School Record, University of Chicago, 1 : 82.
The Primary Education Fetich.
Forum, 25 : 315.
- DICKINSON, H. W.** . . . Manual Training in Small Schools.
Journal of Education, 46 : 180.

- DICKINSON, J. W. Industrial Education in the Public Schools.
Education, 7 : 669.
- EBY, FREDERICK. Educational Value of Manual Constructive Work.
Education, 18 : 491.
- ENGLISH, G. E. Course of Study and Suggestions for Constructive Work.
Popular Educator, 16 : 58.
- FISHER, K. R. Suggestions for a Course in Manual Training in Elementary Schools.
Journal of Education (N. E. and Natl.), 48 : 157.
- FLOOD, T. L. Educate the Hand.
Chautauquan, 9 : 213.
- FLOWER, ELLIOTT. . . . Manual Training and the Poor.
North American Review, 167 : 445.
- FREW, H. K. Metal Work in Schools.
School World, 1 : 163.
- GARDINER, F. Utilizing Boy Waste.
Cosmopolitan, 26 : 461.
- GIBSON, C. B. History of Manual Training in Schools.
Southern Educational Journal, 13 : 165; 209.
- GILBERT, C. B. Some Manual Training Ideas.
Education, 18 : 195.
- GOODRIDGE, GRACE. . . Scissors and Paste.
The Plan Book, 2 : No. 10.
- GOSS, W. F. M. An Ideal Course of Shopwork.
Art Education, 2 : 29.
- GÖTZE, WOLDEMAR. . . Educational Manual Training for Boys in Germany.
Pratt Institute Monthly, 6 : 204.
- GRANGER, K. A Hint for Manual Training.
School Education, 18 : 19.
- GROSZMANN, MAXIMILIAN. . Should Boys and Girls be Given the Same Kind of Work in Manual Training?
Teacher's College Bulletin, No. 6 : 10.
- GULICK, LUTHER. . . . Some Psychical Aspects of Muscular Exercise.
Popular Science Monthly, 53 : 793.
- HAILMANN, W. N. Aphorisms on Manual Training.
School Journal, 59 : 162; 185; 237; 288.

- HAM, C. H. Manual Training.
Harper's Magazine, 72:404.
- HANCOCK, J. A. An Early Phase of the Manual Training
Movement: The Manual Labor School.
Pedagogical Seminary, 5; 287.
A Study of Motor Ability.
Pedagogical Seminary, 3; 9.
Relation of Strength to Flexibility in the
Hands of Men and Children.
Pedagogical Seminary, 3: 308.
- HANEY, J. P. A Bit of a Creed.
Art Education, 4: 189.
The Hundredth Child.
New York Teachers' Quarterly.
- HARMER, ALTHEA. . . . Textile Industries.
The Elementary School Record, University of
Chicago, 1: 71.
- HARWOOD, W. S. Sloyd; the Swedish Manual Training Sys-
tem.
Outlook, 58: 43.
- HEINEMANN, A. H. . . . Manual Training *vs.* the Old Method of
Education.
Arena, 9: 427.
- HENDERSON, C. H. . . . Aim of Modern Education.
Popular Science Monthly, 49: 485.
Cause and Effect in Education.
Popular Science Monthly, 45: 51.
Manual Training.
Popular Science Monthly, 46: 48; 799.
New Programme in Education.
Atlantic, 81: 760.
Philosophy of Manual Training.
Popular Science Monthly, 53: 145; 322; 490;
638; 772.
Spirit of Manual Training.
Popular Science Monthly, 35: 433.
- HERVEY, W. L. Relation of Art Education to Manual
Training.
Art Education, 2: 47.

- HILL, F. A.**.....The Manual Training Idea.
School Journal, 59: 606; 647.
- HOYT, C. O.**.....The Period of Adolescence.
School Record, 7: No. 9: 3.
The Motor Element in Education.
School Record, 8: No. 4: 1.
- HUBBARD, E.**.....Hoodlumism, Cause and Cure.
New York Education, 3: 201.
- Industrial Education Association.**
Science, 9: 553.
- INMAN, L. S.**.....Paper, Scissors and Paste in the Grades.
Popular Education, 15: 365; 414. 16:29.
- JACKMAN, W. S.**.... Constructive Work in the Schools.
Educational Review, 17: 105.
- JAMES, E. J.**.....Manual Training in the Public Schools in
its Economic Aspects.
Andover Review, 10: 369.
- JULLY, M. A.**.....Manual Training in the Elementary
Schools of Paris.
Pratt Institute Monthly, 6:197.
- KEHR, CYRUS.**.....Manual Training.
Southern Educational Journal, 13:4; 106; 141;
184; 232; 277.
- KELLY, Miss F.**.....Trade and Technical Education of Girls.
Chautauquan, 17:309.
- KENT, E. B.**.....Manual Training in the Grammar Schools
of Indianapolis.
Indiana School Journal, 44:406.
- KENYON, W. J.**.....Esthetic Element in Manual Training.
Art Education, 5:61.
First Years in Handicraft.
Primary Education, 7:304; 364; 401; 460.
8:28; 77; 126; 171; 221.
Sloyd and Motor Development.
School Journal, 57:468.
Shaping of a Series of Models.
Journal of Education (N. E. & Nat'l), 49:388.
- KEYES, C. H.**.....Modifications of Secondary School Courses
most demanded by the conditions of
to-day.
Art Education, 2:176.

- KNAPP, E. S.**Outline Course in Constructive Work.
 Primary School, 9:147.
Free Weaving.
 Primary School, 9:210; 219.
Reed Weaving.
 Primary School, 9:277.
- KROPOTKIN, PRINCE. .**Brain Work and Manual Work.
 Nineteenth Century, 27:456.
- LARSSON, GUSTAF. . .**Origin and History of the Sloyd in Sweden
 and the Principles Underlying the Work
 of the Sloyd Training School, Boston.
 Art Education, 4:145.
 Some Observations on Manual Training
 in Europe and America.
 Education, 17:257.
 Slöjd.
 School Journal, 53:718.
- LIVINGSTON, M. B.**Constructive Work.
 School Journal, 57:467.
- LOEFFLER, M.**Wood-carving.
 Pratt Institute Monthly, 8:66.
- LUBBOCK, SIR JOHN. .**Manual Instruction.
 Fortnightly Review, 46:463.
 Same.
 Popular Science Monthly, 30:327.
 Same.
 Littell's Living Age, 171:387.
- MACKINTOSH, M.**Artistic Modeling.
 Teachers' World, 10:392.
- MACKINTOSH, MAY. . .**Place of Manual Training in the General
 Scheme of Education.
 Education, 7:188.
- MAGNUS, SIR PHILIP. .**Manual Training in England.
 Art Education, 3:136.
 Manual Training in Relation to Health.
 Educational Review, 3:78.
 Manual Training in School Education.
 Popular Science Monthly, 31:493.
 Same.
 Contemporary Review, 50:695.
- MANUAL Training.**
 Journal of Pedagogy, 10:5.

- MANUAL Training Equipment.**
School Journal, 55:199.
- MANUAL Training for Boys in the Public Schools.**
New Englander, 43:561.
- MANUAL Training in Boston.**
Lend a Hand, 10:193.
- MANUAL Training in New York Schools.**
School Journal, v. 55, D. 18, supplement. Pp. 6.
- MANUAL Training Number.**
New York Teacher's Monographs, 1:No. 1.
- MARVEL, L. H. Manual Education in Public Schools.**
Education, 2:490.
- MCDANIEL, B. F. Moral and Educational Value of Manual Training.**
Lend a Hand, 10:165.
- MEZES, S. E. Manual Training *vs.* Crime.**
Charities Review, 7:1020.
- MYRICK, HERBERT. . . . Results of Manual Training.**
School Journal, 55:361.
- ORTNER, EVAN Manual Training in Woodwork under the London School Board.**
Pratt Institute Monthly, 6:207.
- PAINTER, J. E. Course in Elementary Sloyd.**
Art Education, 4:113; 113.
- PECKHAM, L. W. Busy Work.**
Primary Education, 7:16.
- PHELPS, EDWARD. . . . Industrial Education.**
New Englander, 47:267.
- PICKEN, L. H. Manual Training.**
Western School Journal, 36:127; 143.
- PICKWICK, ELI, JR. . . . Manual Training in the Public Schools.**
Art Education, 3:28; 59.
- A Course in Manual Training for Elementary Schools.**
Art Education, 3:38.
- PLUNKETT, H. M. Kindergartens and Manual Training Industrial Schools.**
Popular Science Monthly, 41:375.
- PULLAR, A. Seminary at Nääs for Teachers in Manual Training.**
Fortnightly Review, 47:315.

Purpose of Manual Training.

Education, 16: 299.

REICHEL, H. R. The Place of Manual Training in Secondary Education.

The Educational Review (Eng.), 1: 235.

REIGART, J. F. Manual Training in France.

Pedagogical Seminary, 1: 276.

RICHARDS, C. R. Beautiful Models in Manual Training Courses.

Art Education, 2: 49.

Functions of Drawing and Manual Training in Education.

Pratt Institute Monthly, 2: 62.

Manual Training for the Second Four Years of School.

Teacher's College Bulletin, No. 6: 21.

Manual Training: Where is the Root?

Pratt Institute Monthly, 6: 191.

RICHARDS, ZALMON. . . Relation of Manual or Industrial Training to the Public Schools.

Education, 13: 623.

ROBBINS, G. A. The Cost of Manual Training.

School Board Journal, 19: No. 4: 3.

ROOPER, T. G. Relation of Manual Occupations to other Studies.

School Journal, 54: 474, 505.

RUSSELL, H. R. How the Benefits of Manual Training may be Secured.

Education, 8: 657.

RYDER, C. J. Limitations and Possibilities of Industrial Training in the Public Schools.

Education, 12: 581.

SALOMON, OTTO. Manual Training: an Address.

The Schoolmaster, April 12, 1890.

Sloyd Instruction in Sweden.

Pratt Institute Monthly, 6: 194.

SCALES, S. E. Paper Cutting.

Popular Educator, 17: 25.

Constructive Work.

Popular Educator, 16: 351.

17: 61; 264.

SCOTTER, R. Manual Training: a Pastime for Boys.

Westminster Review, 138: 377.

- SCRIPTURE, E. W.** **Cross-Education.**
Popular Science Monthly, 56 : 589.
- SEAVER, E. P.** **Manual Training.**
Education, 11 : 499.
- SHAW, E. R.** **The Employment of the Motor Activities
in Teaching.**
Popular Science Monthly, 50 : 56.
- SISSON, E. O.** **Mental Results from Manual Training.**
Journal of Education, 46 : 87.
- SKINNER, STELLA.** **Manual Training for the First Four Years
of School.**
Teacher's College Bulletin, No. 6 : 13.
- SOME Reasons for Manual Training.**
School Journal, 56 : 205.
- STETSON, G. R.** **The Necessity for Moral and Industrial
Training in the Public Schools.**
Andover Review, October, 1886.
- STOKER, G. A.** **New Feature in Manual Training.**
Pedagogical Seminary, 5 : 282.
- SWEET, A. K.** **Machine Shop Practice at the Mechanic
Arts High School of Boston.**
Art Education, 4 : 77.
- TADD, J. L.** **Art and Manual Training.**
Pa. School Journal, 48 : 375.
- TAUBE, G. VON.** **Manual or Industrial Training.**
Popular Science Monthly, 33 : 386.
- THOMAS, S.** **Industrial Training in the Public Schools
of Germany.**
Science, 9 : 567.
- THOMPSON, C. O.** **Manual Labor Training in the Public
Schools.**
Education, 4 : 592.
- THORPE, F. N.** **Ethics of Manual Training.**
Education, 8 : 489.
- History and Economics in Manual Train-
ing Schools.**
Education, 8 : 351.
- Manual Training as a Factor in Modern
Education, with Illustrations from the
Philadelphia Manual Training School.**
Century, 16 : 920.

- TODD, M. P. Kindergarten Occupations in the Primary Room.
 School Education, 16: No. 10:19.
 16: No. 11:19.
- TRYBOM, J. H. Sloyd as an Educational Subject.
 Popular Educator, Nov., 1892.
 Motives to Effort in their Relation to the Development of Power.
 Art Education, 2:146.
- TUCKER, E. F. Constructive Work in the Primary Grades.
 South Dakota Educator, 13:16.
- UPHAM, A. A. A Short Course in Manual Training.
 Journal of Education (N. E. & Natl.), 48:157;
 302; 370; 419. 49:54; 119; 231; 278; 310.
- VANDEBURG, M. W. . . . Manual Training from the Ethical Standpoint.
 Art Education, 5:89.
 New Course in Manual Training in New York City.
 School Journal, v. 56, January 15, sup. p. 5.
- VROOM, W. F. Manual Training as a Moral Discipline.
 Art Education, 2:77.
- WALKER, F. A. The Place of Schools of Technology in American Education.
 Educational Review, 2:209.
- WALKER, F. A., HAM, C. H., and LOVE, S. G.—What Industry, if any, can Profitably be Introduced into Country Schools?
 Science, 9:365.
- WALKER, S. A. Manual Training in the Public Schools.
 Independent, 49:1004.
- WARNER, FRANCIS. . . Muscular Movements in Man.
 Journal of Mental Science, 34:23.
- WHITNEY, C. W. Training the Hands for Work.
 Chautauquan, 29:271.
- WICKS, O. C. Manual Training for the Grammar Grades.
 Art Education, 3:112.
- WILLIAMS, F. N. Manual Training Fairly Tested.
 Kindergarten Magazine, 10:500.
- WINSLOW, Miss H. . . . Industrial Features of the Boston Public Schools.
 New England Magazine.

WISSLER and RICHARDSON—Diffusion of the Motor Impulse.

Psychological Review, 7:29.

WOODWARD, C. M. . . . Erroneous Conceptions of Manual Training.

Nation, 49: 350.

Fruits of Manual Training.

Popular Science Monthly, 25: 347.

Functions of an American Manual Training School.

Popular Science Monthly, 21: 621.

Manual Training in General Education.

Education, 5: 614.

Present Status of Manual Training.

Pratt Institute Monthly, 3: 183.

WOODWORTH, R. S. . . . Accuracy of Voluntary Movement.

Psychological Review, Monograph No. 13,
July, 1899. Pp. 114.

PERIODICAL PUBLICATIONS DEVOTED TO THE SUBJECT OF MANUAL TRAINING.

AMERICAN.

MANUAL TRAINING MAGAZINE.

Quarterly. University of Chicago Press, Chicago, Ill.

SLOYD BULLETIN.

Sloyd Training School, Boston.

FOREIGN.

BLÄTTER für Knaben-Handarbeit.

Monthly. W. Hansen, Leipzig, Germany.

BLÄTTER zur Förderung der Knabenhandarbeit in Oesterreich.

Quarterly. Herrn Matthäus Marschall, Vienna.

HAND AND EYE.

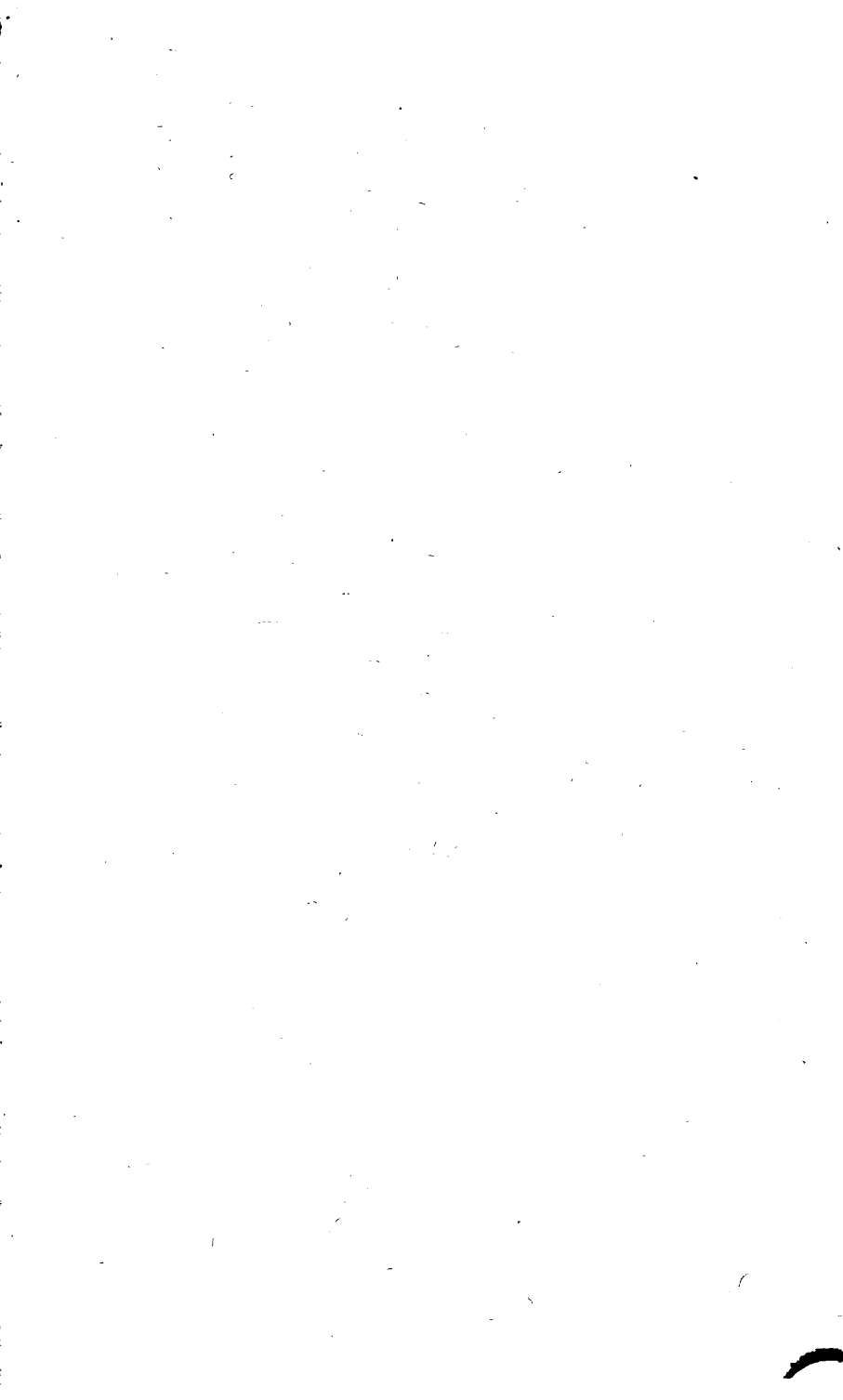
Monthly. O. Newmann & Co., London.

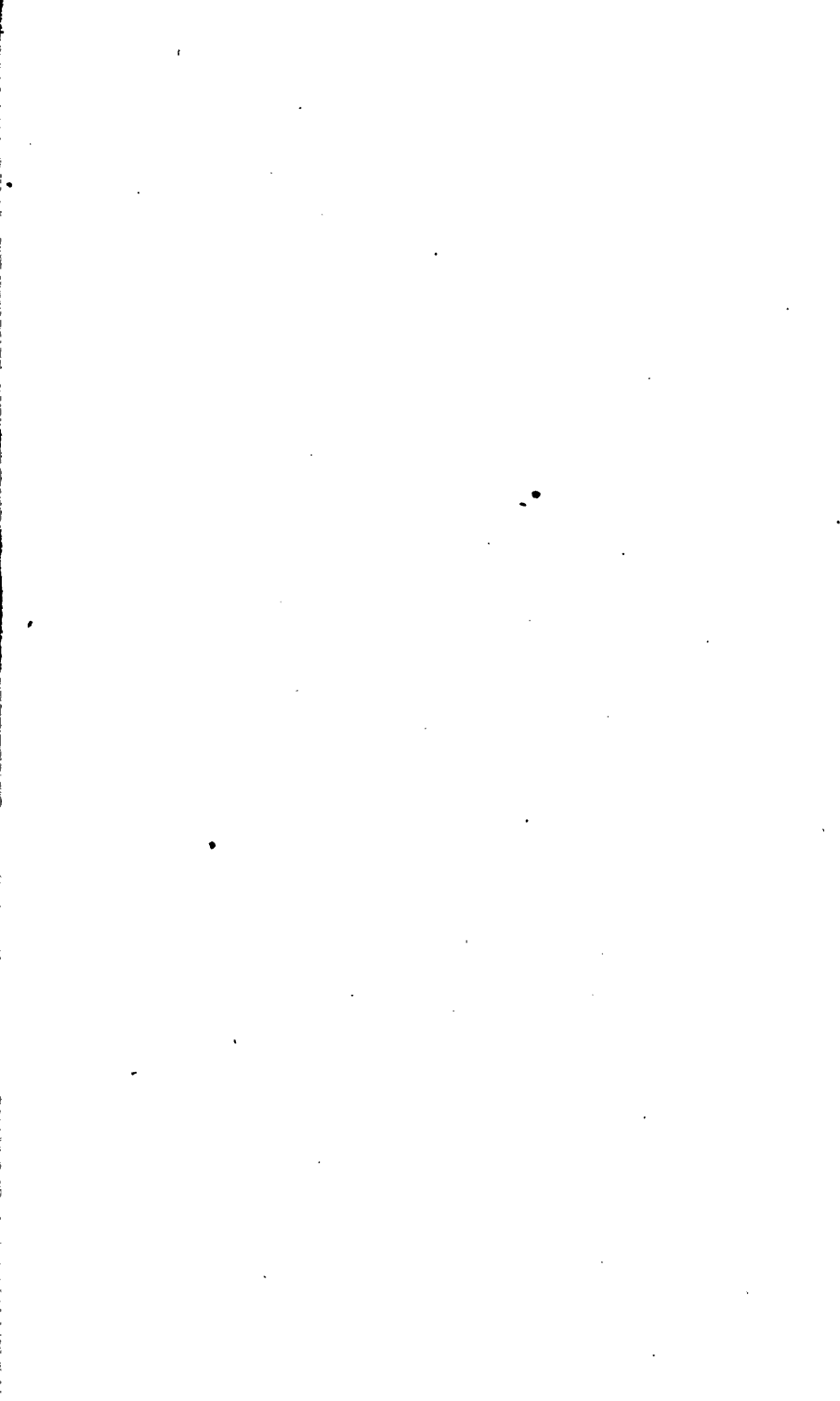
L'ENSEIGNEMENT MANUEL.

Librairie Gedalge, Paris, France. (Ceased in 1899.)

SLÖJDUNDERVISNINGSLAD.

Monthly. Nääs Slöjdläroreseminarium, Floda Station, Sweden.







3 2044 030 280 440

